

: HOLD REAGE I A COME THAT YOU I HER DANK HAVE WITH HER HALL CORRECT HAR THE HEAL

International Bureau (43) International Publication Date 4 January 2001 (04.01.2001)

(19) World Intellectual Property Organization

(10) International Publication Number WO 01/00132 A2

(51) International Patent Classification7:

- (21) International Application Number: PCT/US00/17280
- (22) International Filing Date: 23 June 2000 (23.06.2000)
- (25) Filing Language:

English

ASIH

- (26) Publication Language:
- English
- (30) Priority Data: 60/141,094

25 June 1999 (25.06,1999) US

- (71) Applicant (for all designated States except US); MC-CORD WINN TEXTRON INC. [US/US]; 615 Harvey Road, Manchester, NH 03103 (US).
- (72) Inventors; and
 - (75) Inventors/Applicants (for US only): RHODES, Richard. D. [US/US]; 13 Lil Nor Avenue, Somersworth, NH 03878 (US). LIZOTTE, Donna, L. [US/US]; 238 South Road,

Kensington, NH 03827 (US), WEEKS, Rvan (US/US): 47 Sylvan Avenue, Pleasant Ridge, MI 48069 (US), KACK-ENMEISTER, Carl. F. [US/US]: 10 Country Farm Road. Stratham, NH 03885 (US),

- (74) Agent: EVANS, John, C.; Reising, Ethington, Barnes, Kisselle, Learman & McCulloch, PC, P.O. Box 4390, Trov. MI 48099-4390 (US).
- (81) Designated States (national): CA, CN, JP, MX, US.
- (84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC. NL. PT. SE).

Published:

 Without international search report and to be republished upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTIPLE BLADDER PARTIAL BODY OR FULL BODY SUPPORT MASSAGE SYSTEM INCLUDING A METHOD OF CONTROL

(57) Abstract: A method for controlling a fluidly (in some cases pneumatically) controlled support surface for an occupant system or bed having an array of expandable chambers or cell includes providing such expandable chambers; connecting to a source of pressurized fluid (air), and inflating to produce a massage movement that includes a sequence of inflate and deflate at each of the respective cells in accordance with a massage index for concentrating the massage action on an occupant,